SOUTH CAROLINA GOVERNOR'S SCHOOL FOR SCIENCE AND MATHEMATICS 401 Railroad Avenue Hartsville, SC 29550 11-12 GRADES 127 students ENROLLMENT PRESIDENT Dr. Murray W. Brockman 843-383-3900 BOARD CHAIR Dr. Leroy Davis 843-533-1849 THE STATE OF SOUTH CAROLINA 2003 ANNUAL SCHOOL REPORT CARD **ABSOLUTE RATING:** EXCELLENT The school's performance substantially exceeded the standards for progress toward the 2010 SC Performance Goal. **IMPROVEMENT RATING:** EXCELLENT The school's improvement rating was excellent because of absolute ratings of excellent for two consecutive years, combined with a positive number on the improvement index for all students. ADEQUATE YEARLY PROGRESS: This not applicable for South Carolina's Governor's School for Science and Mathematics. SOUTH CAROLINA PERFORMANCE GOAL By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the fastest improving systems in the country. FOR MORE INFORMATION, VISIT WEBSITES AT: WWW.MYSCSCHOOLS.COM

WWW.SCEOC.ORG

N/A

South Carolina Governor's School for Science and Mathematics

PERFORMANCE TRENDS OVER 4-YEAR PERIOD

	Absolute Rating	Improvement Rating	Adequate Yearly Progress
2001	Excellent	N/A	N/A
2002	Excellent	Excellent	N/A
2003	Excellent	Excellent	N/A
2004			

PERFORMANCE	Data
Advanced placement (AP) Pass Rate	92.4%
Graduates' College Freshman GPA (In-state Colleges)	3.52
SAT Average (High Verbal/High Math)	1387

AP TEST SCORE DISTRIBUTION							
Score	5	4	3	2	1	Total	
# of students (%)	62(26%)	76(32%)	81(34%)	15(6%)	3(1%)	237(100%)	

College Freshman GPA						
GPA	3.5-4.0	3.3-3.5	3.1-3.3	2.9-3.1	<2.9	Total
# of students (%)	24(63.2%)	5(13.2%)	4(10.5%)	3(7.9%)	2(5.3%)	38(100%)

SAT SCORES					
	Middle	50%		Range	
SAT Verbal SAT Math	640 660	740 740	420 570	800 800	

A Special Note on Performance

Every student at Governor's School completes a research course requirement that is a distinctive learning and maturing experience. Senior research begins with at least six full weeks of research in the summer following the junior year. Most of the students conduct their research at university or industrial research facilities under the mentorship of professional scientists or engineers. Students work with their research mentors and Governor's School advisors during the senior year to compile and analyze their research findings, prepare formal research papers, and present their work at a school-sponsored colloquium and at the SC Junior Academy of Science annual meeting.

South Carolina Governor's School for Science and Mathematics

SCHOOL PROFILE

	Our School	Change from Last Year
Students (n=127)		
Retention rate	0	Same
Attendance rate	98.4%	Up from 98.1%
With disabilities other than speech	0	Same
Older than usual for grade	0	Same
Suspended or expelled	N/A	Same
Annual dropout rate	N/A	Same
Students in residence	127	Up from 125
National Achievement Semifinalists/Finalists	29%/29%	Same
Seniors Completing Science Research Project	100%	Same
Community Service-hr./student	83	Same
Graduating attending college	100%	Same
Seniors eligible for LIFE Scholarship		Down from 98.4%
Total scholarship offered	98.3%	
Number of seniors	\$6,204,981	Down from \$7,609,382
	58	Down from 63
National Merit Semifinalists/Finalists	27%/27%	Up from 18%/18%
Teachers (n=15)		
Teachers with advanced degrees	100%	Same
Highly qualified teachers	N/A	N/C
Teachers returning from previous year	86%	Same
Teacher attendance rate	98.2%	Up from 97.5%
Average salary	\$50,868	Up from \$48,115
Professional development days per teacher	6	Same
Teachers with Doctorates	79%	Up from 72%
Years teaching experience-middle 50%	10 to 29	Up from 9 to 28
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School	•	He form 4
President's years at the school	2	Up from 1
Student-teacher ratio	10 to 1	Same
Prime instructional time	98.3%	Up from 95.6%
Dollars spent per pupil	\$17,377	Down from \$18,589
Percent spent on teacher salaries	34.8%	Up from 31.2%
Opportunities in the arts	NA	Same
Parents attending conferences	58.6%	Up from 55.7%
SACS accreditation	No	N/C
University/Industrial Partners in Research Mentor Program	23	Up from 20
Mentors in Research Program	74	Down from 83
Student clubs and organizations	31	Down from 38
Students active in clubs/organizations	100%	Same
Varsity sports teams	9	Same
Students participating in varsity sports	71%	Down from 74%
Students returning to home high school	8.5%	Up from 3.9%
Outreach to other schools:	0.570	OP 110111 0.0 /0
High school units by Distance Learning	62	Down from 94
High schools participating in Distance Learning	14	Same
Middle school students in Saturday Academies		
Students in Summer Science Program (SSP)	532	Up from 371
	324	Up from 296
University Partners in SSP	12	Up from 11
Six-week summer research positions for other HS	26	Down from 30
Abbreviations for	Missing Data	
N/A Not Applicable N/C Not Collected N	/R Not Reported	I/S Insufficient Sample

South Carolina Governor's School for Science and Mathematics

REPORT OF PRESIDENT

Now in its 15th year, GSSM provides a beacon of excellence in science, mathematics and technology education, including a challenging and vital humanities program. Our curriculum is second to none in the state in its scope and depth and compares more closely to a college curriculum than to a typical high school. As you will note in reviewing the report card data, GSSM continues to perform at the highest levels in both our Residential and Outreach programs, with minor variations year-to-year. In the future, we intend to continue this exemplary performance, and, as we move into our new campus, vigorously pursue innovative programs to enhance science and mathematics education statewide.

The significant achievements of the students in residence in Hartsville (1387 average SAT, highest in the state; 27% of seniors were National Merit Finalists; the average student completes 4 Advanced Placement tests, with a 92% pass rate; Math team placed 3rd in national calculus competition) are buttressed by formal study of ethical issues in society, in science, in business and in public service through coursework and seminars by prominent state leaders.

Appropriate emphasis on extracurricular activities for all students (71% participated in varsity sports) continues to build strong school spirit. The soccer and tennis teams advanced to the state Division I-A playoffs, the top girl mile runner in Division I-A was a GSSM student, and the Chess Club has won the state championship seven times in the past eleven years.

Our Team Gear Up program provided hands-on science instruction for disadvantaged middle schoolers across the state, and our Summer Science Program encouraged 9th and 10th graders to explore "real" science. Our Distance Learning program has fallen victim to state budget cuts, which will deprive students statewide of this access to advanced courses next year. We are applying for federal funds to explore Internet-based distance instruction as an alternative.

We are moving into our new campus in Hartsville, which provides a highly visible affirmation of South Carolina's commitment to excellence in education. When funds permit, we will enter a new phase of growth, doubling our enrollment and revamping our curriculum in advanced technology.

While state revenue shortfalls and resulting budget cuts continue to create significant difficulties, GSSM is meeting its mission of excellence.

Murray W. Brockman, President

EVALUATIONS BY TEACHERS, STUDENTS, AND PARENTS						
	Teachers	Students	Parents			
Number of surveys returned	15	61	19			
Percent satisfied with learning environment	100.0%	90.2%	84.2%			
Percent satisfied with social and physical environment	100.0%	88.3%	88.2%			
Percent satisfied with home-school relations	100.0%	80.0%	89.5%			

DEFINITIONS OF SCHOOL RATING TERMS

- Excellent School performance substantially exceeds the standards for progress toward the 2010 SC Performance Goal
- Good School performance exceeds the standards for progress toward the 2010 SC Performance Goal
- Average School performance meets the standards for progress toward the 2010 SC Performance Goal
- Below Average School is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal
- Unsatisfactory School performance fails to meet the standards for progress toward the 2010 SC Performance Goal

DEFINITION OF ADEQUATE YEARLY PROGRESS

As required by the United States Department of Education, adequate yearly progress specified that the statewide target is met for all students and for each subgroup of students: racial/ethnic, economic, disability, limited English proficiency and migrant status.